

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A press-fitting method for press-fitting an inserting member in a receiving member, comprising:

forming an engaging hole in the receiving member;

forming at least one groove in an inner periphery of the receiving member, the inner periphery created by the engaging hole; and

press-fitting the inserting member in the engaging hole from one side of the receiving member while releasing an excess into the groove, wherein

the ~~groove~~-forming step of the groove forms a plurality of grooves in a direction that the engaging hole is formed, ~~and~~;

the grooves are slanted in a circumferential direction;

the inserting member is a base of a rectifying element and is used as an electrode;

the receiving member is a heat radiation plate of the rectifying element;

the rectifying element has a disk shape including a diameter which is larger than a thickness of the rectifying element so that the rectifying element comprises a flattened disk shape; and

the grooves are predominantly disposed on the one side of the receiving member.

2. (Original) The press-fitting method according to claim 1, wherein:

the inserting member and the receiving member are made of copper;

the inserting member has a hardness higher than a hardness of the receiving member; and

the engaging hole forming step is performed by punching.

3-5. (Canceled)

6. (Previously Presented) The press-fitting method according to claim 1, wherein the grooves are arranged apart from each other in the circumferential direction.

7. (Canceled)

8. (Original) The press-fitting method according to claim 1, wherein the groove forming step forms a plurality of grooves so that a root diameter of the receiving member at a bottom of each groove is substantially equal to an outer diameter of the inserting member.

9-14. (Canceled)

15. (Currently Amended) A press-fitting method for press-fitting an inserting member in a receiving member, comprising:

punching an engaging hole in the receiving member while forming a sheared surface and a fractured surface on an inner periphery of the receiving member, the inner periphery created by the engaging hole;

forming ~~at least one groove~~ a plurality of grooves in the inner periphery; and

press-fitting the inserting member in the receiving member by inserting the inserting member from an end of the receiving member adjacent to the sheared surface, wherein

the inserting member is a base of a rectifying element and is used as an electrode;

the receiving member is a heat radiation plate of the rectifying element;

the rectifying element has a disk shape including a diameter which is larger than a thickness of the rectifying element so that the rectifying element comprises a flattened disk shape; and

the grooves are predominantly disposed on the sheared surface of the inner periphery.

16. (Previously Presented) The press-fitting method according to claim 1, wherein the grooves are formed in a portion adjacent to a side from which the inserting member is inserted.

17. (New) The press-fitting method according to claim 1, wherein each groove on the inner periphery of the engaging hole has a ring shape.

18. (New) The press-fitting method according to claim 1, wherein the grooves on the inner periphery of the engaging hole provide a spiral ring shape.

19. (New) The press-fitting method according to claim 1, wherein the grooves on the inner periphery of the engaging hole provide a striped pattern in parallel to a center axis of the rectifying element.

20. (New) The press-fitting method according to claim 15, wherein each groove on the inner periphery of the engaging hole has a ring shape.

21. (New) The press-fitting method according to claim 15, wherein the grooves on the inner periphery of the engaging hole provide a spiral ring shape.

22. (New) The press-fitting method according to claim 15, wherein the grooves on the inner periphery of the engaging hole provide a striped pattern in parallel to a center axis of the rectifying element.